

Ximing Zheng

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github.com/simonzxm

EDUCATION

Nanjing University

B.S. in Information and Computing Science, School of Computer Science

Nanjing, China

Sep. 2025 – June 2029

EXPERIENCE

AI Engineering Intern

China Telecom Wuhan Branch, Big Data Center

July 2026 – Aug. 2026

Wuhan, China

- Developed a RAG-based knowledge retrieval system combining document retrieval and LLM generation for natural-language queries over internal knowledge sources
- Built an ontology-guided agentic text-to-SQL pipeline that maps natural-language questions to enterprise data by reasoning over business concepts, database schemas, and relationships

Teaching Assistant, C Programming Language

Nanjing University

Aug. 2026 – Present

Nanjing, China

- Developed ide-tracer, a local-first, event-driven system that captures programming activity from VS Code and CLion, detects repeated failures, and delivers AI-assisted guidance
- Designed its plugin pipeline and SQLite-backed hub for event normalization, artifact storage, command delivery, transactional state updates, and AI audit logging

Core Member, NJU NOVA

Intelligent Data Decision Studio, Nanjing University

Sep. 2025 – Present

Nanjing, China

- Built an agent-based admissions review system that automates application processing and evaluation by integrating LLM agents into a structured review workflow
- Built a campus information aggregator that unifies announcements from heterogeneous sources
- Delivered technical workshops on Linux, computer networking, and software engineering

PROJECTS

NJU Campus Services | TypeScript, PostgreSQL, Cloudflare

Feb. 2026 – Present

- Developed and operated student-facing services including OIDC authentication, course data, and course-selection utilities; one service handled 5K+ requests/day during peak registration
- Designed DDL Tracker, a cross-platform task and course manager with course integration, cross-device synchronization, and OIDC authentication

AnyReader | React, TypeScript

May 2026 – July 2026

- Designed and contributed to the React/TypeScript frontend of AnyReader, an AI-assisted deep-reading platform used by 300+ users, covering technical documents, annotations, math, mind maps, and contextual AI interactions

HONORS & AWARDS

- Second Prize, LZU–NJU–QLU High Performance Computing Competition (2025)
- Third Prize, Interactive Track, NJU EL Programming Contest – AnyReader (2026)

TECHNICAL SKILLS

Languages: Python, C/C++, SQL, JavaScript, TypeScript

Technologies: React, Node.js, FastAPI, Linux, Git, Docker, Cloudflare